

**ABSTRACT OF THE DISCLOSURE**

A breast scanning system scans a breast of a patient with transducer arrays that transmit and receive ultrasound signals in a bath containing a medium, such as a liquid. A table is disposable over the bath to receive the patient thereon, and has an aperture formed in the table and positionable over the bath to receive the breast of the patient pendent therethrough and into the bath. The table is linearly vertically displaceable with respect to the bath. The system includes a preconditioning tank to precondition the liquid prior to being introduced into the bath. The bath includes means for securing the breast within the bath.

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